

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Mark Labhart

GENERAL INFORMATION:

Name:	International Paper Company
Address:	2575 Palumbo Drive Lexington, KY 40509
Date application received:	9/17/2007
SIC Code/SIC description:	2653, Corrugated and Solid Fiber Boxes
Source ID:	21-067-00085
Agency Interest:	1059
Activity:	APE20070001
Permit:	F-08-003

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

#### EMISSIONS SUMMARY:

Pollutant	Actual (tpy) *	Allowable (tpy)	Potential (tpy)
PM/PM <sub>10</sub>	14.8	--	120.4
SO <sub>2</sub>	0.01	--	0.1
NO <sub>x</sub>	2.4	--	10.0
CO	2.0	--	8.4
VOC	2.1	≤ 90	1385.1
Single HAPs	0.2	≤ 9	173
Source wide HAPs	0.2	≤ 22.5	173

\* 2006 Reported emissions

#### SOURCE DESCRIPTION:

International Paper is a manufacturer of corrugated fiberboard boxes. Equipment at the source consists of the corrugated fiberboard machine, rotary die cutters to cut the outline of the boxes, and Flexo Folder Gluers, which apply ink and/or adhesive using flexographic technology.

The adhesive is a cornstarch based product containing low VOC content. The ink used is also a low VOC product. There is a small amount of particulate from the rotary die cutters and the corrugator. Particulate emissions are controlled by a cyclone which is used to separate scrap material from the air stream used to convey trim to the scrap baler.

The corrugator is the limiting factor in production for the source.

#### EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

International Paper voluntarily requested limits of 90 tpy or less for VOC emissions, 9 tpy or less for individual HAP emissions, and 22.5 tpy or less for all combined HAPs.

#### OPERATIONAL FLEXIBILITY:

The source is not restricted as to hours of operation or quantity of product produced while remaining within the caps above.